

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-540 REV. I

REF CANADIAN STC: SH94-5

REF FAA STC: SR00386NY

REF GERMAN STC: LBA RC 1124

THIS DART SERVICE INSTRUCTION PROVIDES GUIDELINES TO REPLACE THE EXISTING HINGE PLATES, INSTALL VIEWING/ACCESS PLATES AND ADDS ADDITIONAL STIFFENING TUBES TO THE BASKETS SQUARE TUBE STRUCTURE. THESE CHANGES MAY BE APPLIED TO D206-540-013 HELI-UTILITY-BASKETS AT CHG 005 AS CUSTOMERS REQUIRE.

REPLACEMENT PROCEDURE:

- 1) DISASSEMBLE BASKET RETAIN HARDWARE.
- 2) REPLACE HINGES IN ACCORDANCE WITH DSI 9448.
- 3) LOCATE THE D4317-1 VIEWING PLATE AND D4317-3 WIRING PLATE AND TRIM EXPANDED METAL AS SHOWN IN FIGURE 1 AND SECTIONS A-A & B-B. REMOVE PAINT ON EXPANDED METAL LOCALLY AND TIG WELD (TACK WELD) D4317-1 AND D4317-3 TO THE EXPANDED METAL, PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 4) LOCATE THE D4317-5 GPS PLATE AND TRIM EXPANDED METAL AS SHOWN IN SECTION C-C. REMOVE PAINT ON THE BASKET LID TUBULAR STRUCTURE AND EXPANDED METAL LOCALLY. TIG WELD (FILLET & TACK WELD) D4317-5 TO THE TUBULAR STRUCTURE AND EXPANDED METAL AS SHOWN IN FIGURE 1, PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 5) LOCATE D4317-011/-013 AS SHOWN IN SECTION C-C. REMOVE PAINT ON THE BASKET LID TUBES LOCALLY AND TIG WELD THE D4317-011/-013 COVER PANEL RETAINERS IN PLACE PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 6) LOCATE QTY (4) D4136-041 TUBE ASSEMBLIES AS SHOWN IN SECTION D-D. REMOVE PAINT ON THE BASKET BASE HOOPS LOCALLY AND TIG WELD THE D4136-041 TUBE ASSEMBLIES IN PLACE PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 7) TOUCH UP POWDER COAT OF AFFECTED REAS ON BOTH LID AND BASE WITH WHITE POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 8) RE-ASSEMBLE BASKET REPLACE ANY WORN HARDWARE AS NECESSARY.

PARTS LIST:

ITEM No.	QTY -041	PART NUMBER	DESCRIPTION
	X	DSI 9542-041	BASKET MODIFICATION
1	1	D206-540-013	BASKET ASSEMBLY
2	1	DSI 9448-011	HINGE UPGRADE KIT
3	4	D4316-041	TUBE ASSEMBLY
3	12	D4317-011	COVER PANEL RETAINER
3	4	D4317-013	COVER PANEL RETAINER
4	1	D4317-1	VIEWING PLATE
5	1	D4317-3	WIRING PLATE
5	1	D4317-5	GPS PLATE

PRELIMINARY A2
11.02.04

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: _____
D. SHEPHERD (DE # 02)

DATE: 11.02.08
CERT. NO.: SH94-5
ISSUE NO.: 4

PA2	NEW ISSUE	AJS	11.02.04
PA2	NEW ISSUE	AJS	11.02.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9542	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BASKET MODIFICATION	NTS
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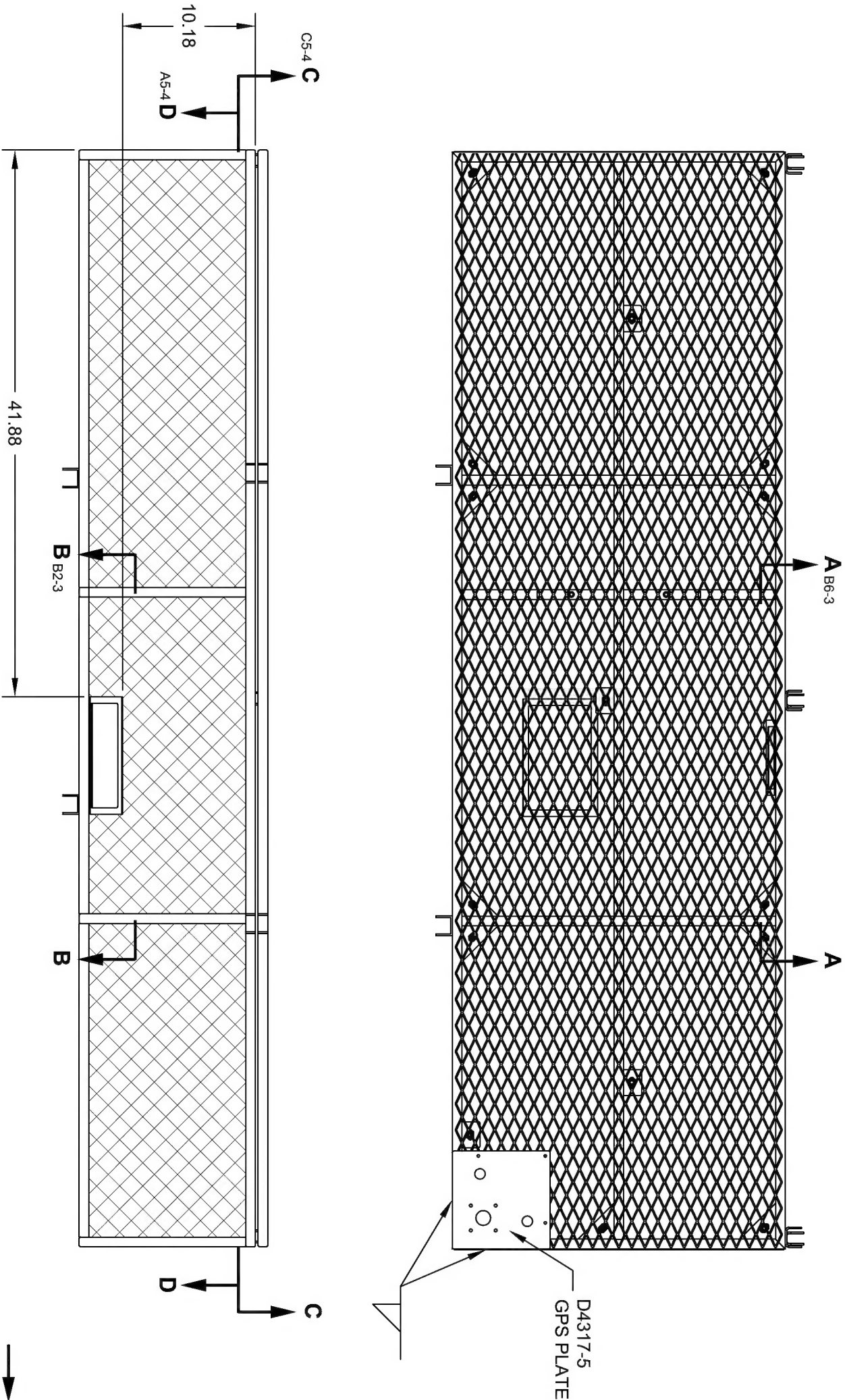
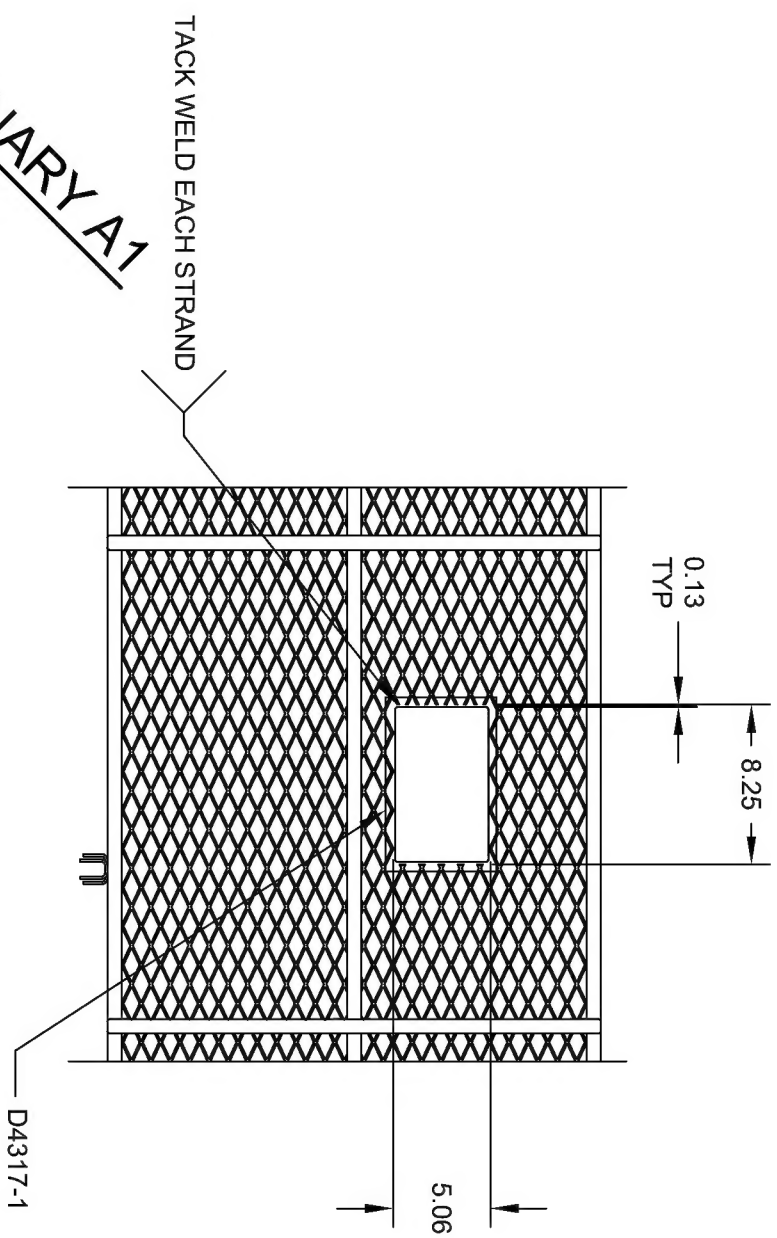


FIGURE 1: D206-540-013 HELI-UTILITY-BASKET SHOWN
(INSTALLATION OF DSI-9448-011, D4317-1 AND D4317-3)

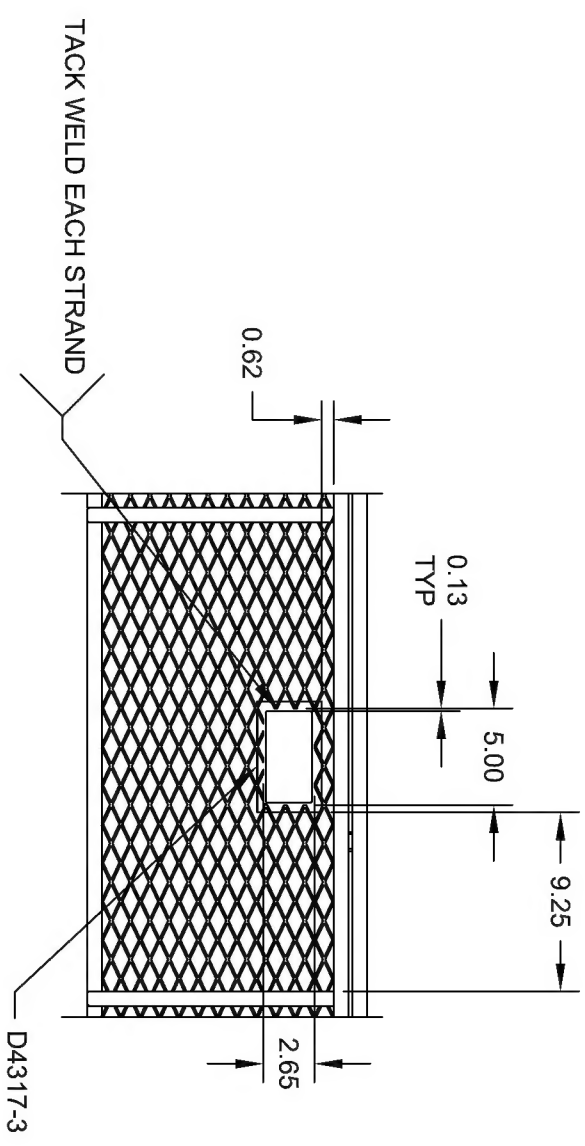
PRELIMINARY A1
11.02.04

CANADA
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SECTION A-A D5-2



SECTION B-B
B5-2

PRELIMINARY A7
11.02.04

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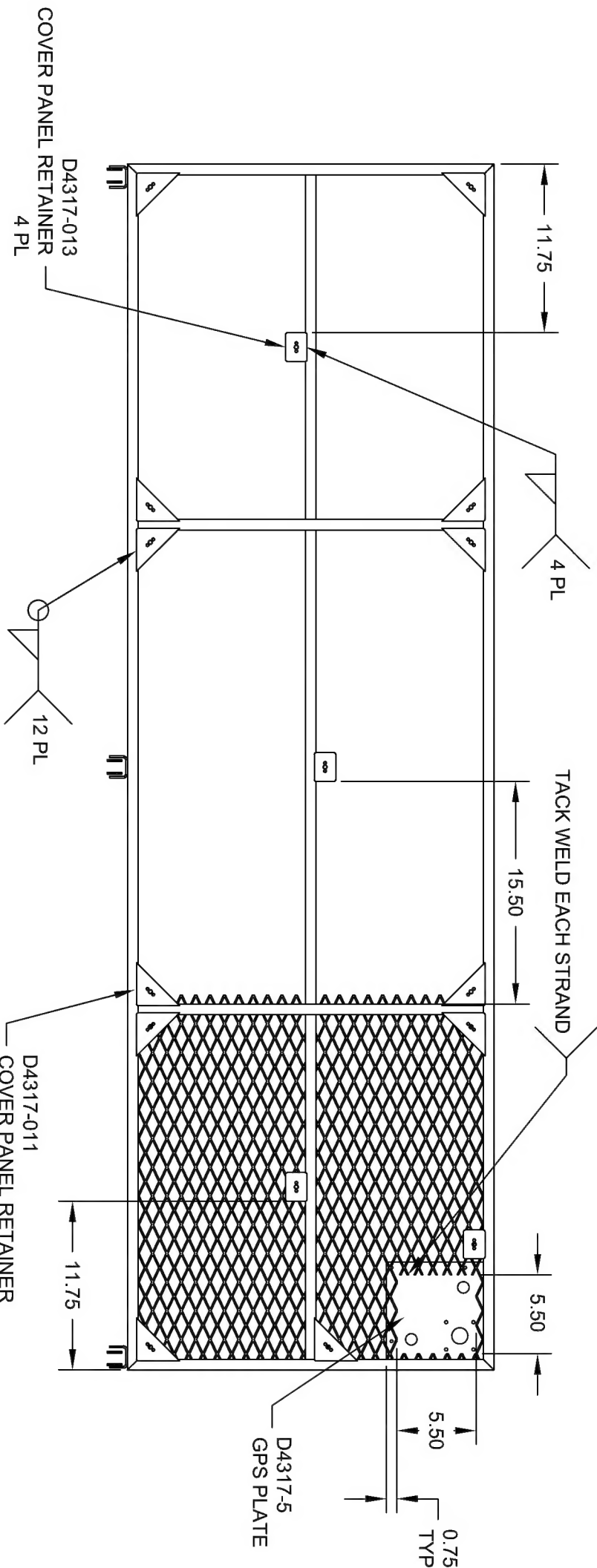
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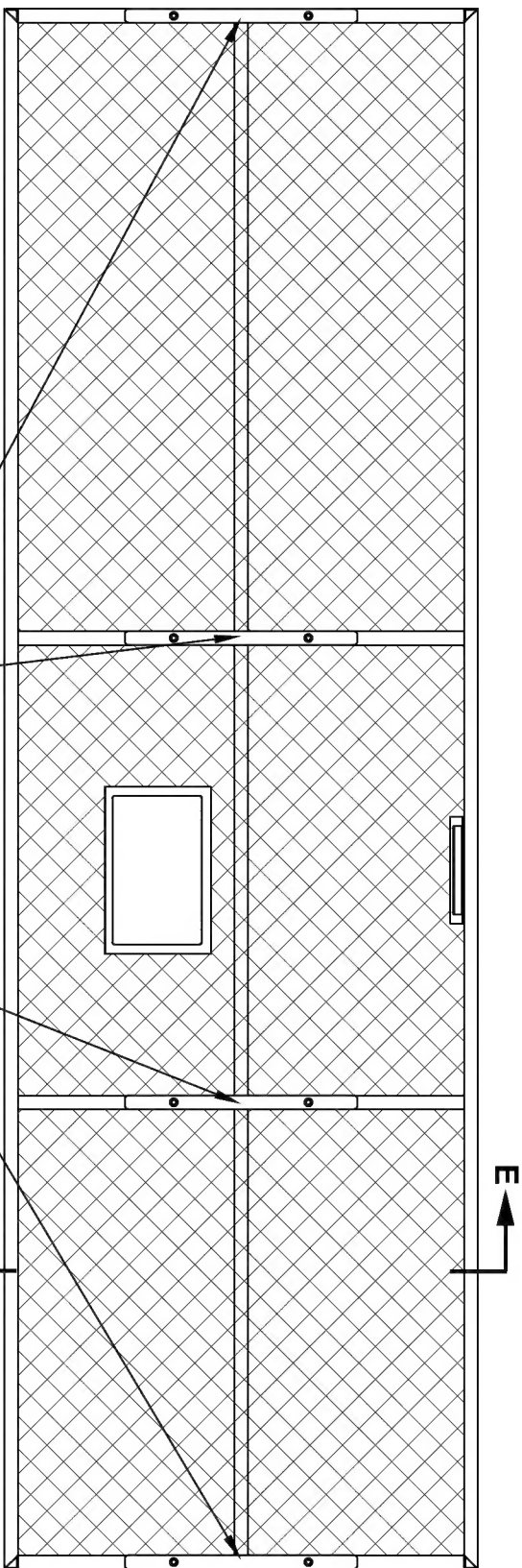
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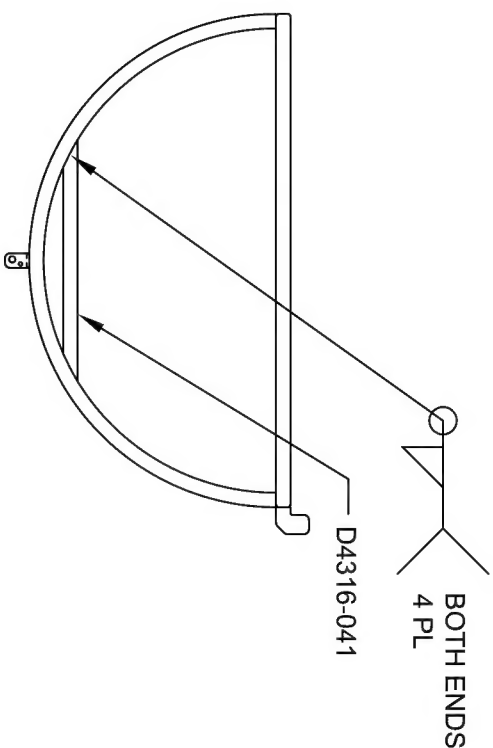
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SECTION C-C C7-2
(VIEW LOOKING UP EXPANDED METAL SHOWN LOCALLY FOR CLARITY)



SECTION D-D B7-2



SECTION E-E A5-4

PRELIMINARY A1
11.02.02

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